Math worksheet on *'Probability Calculation - nCm N Multiplication Over Single (Level 1)'*. Part of a br *'Probability and Statistics - Permutations and Combin - Practice'*

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1 What is the value of this probability expression?

$$\frac{({}_3C_3)\cdot({}_3C_3)}{{}_6C_5}$$

a) 1 b) $\frac{1}{6}$ c) $\frac{1}{90}$ d) $\frac{1}{15}$

2 What is the value of this probability expression?

$$\frac{({}_6C_6)\cdot({}_3C_3)}{{}_3C_2}$$

a) $\frac{1}{45}$ b) 1 c) 30 d) 5 e) $\frac{1}{3}$

3 What is the value of this probability expression?

$$\frac{({}_4C_4)\cdot({}_6C_4)}{{}_5C_3}$$

a) $\frac{3}{2}$ b) 15 c) $\frac{15}{4}$ d) 3 e) $\frac{1}{10}$

4 What is the value of this probability expression?

$$\frac{({}_4C_4)\cdot({}_4C_2)}{{}_3C_3}$$

a) $\frac{2}{5}$ b) $\frac{1}{36}$ c) 6 d) $\frac{3}{5}$ e) 1

5 What is the value of this probability expression?

$$\frac{({}_3C_3)\cdot({}_5C_5)}{{}_2C_2}$$

a) $\frac{2}{5}$ b) 1 c) $\frac{3}{10}$ d) 3 e) $\frac{1}{4}$

6 What is the value of this probability expression?

$$\frac{({}_5C_3)\cdot({}_6C_4)}{{}_4C_3}$$

a) 150 b) $\frac{75}{2}$ c) 10 d) 3

7 What is the value of this probability expression?

$$\frac{({}_2C_2)\cdot({}_3C_3)}{{}_6C_6}$$

a) $\frac{1}{6}$ b) 5 c) 1 d) 10 e) $\frac{1}{5}$